

Title (en)

MODIFIED NATURAL RUBBER, METHOD FOR PRODUCING SAME, RUBBER COMPOSITION, AND PNEUMATIC TIRE

Title (de)

MODIFIZIERTER NATURKAUTSCHUK, VERFAHREN ZU SEINER HERSTELLUNG, KAUTSCHUKZUSAMMENSETZUNG UND LUFTREIFEN

Title (fr)

CAOUTCHOUC NATUREL MODIFIÉ, SON PROCÉDÉ DE PRODUCTION, COMPOSITION DE CAOUTCHOUC, ET PNEUMATIQUE

Publication

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Application

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Abstract (en)

[origin: US2013066021A1] The present invention provides a modified natural rubber having a reduced  $\tan \delta$ , a method for producing the modified natural rubber, a rubber composition produced using the modified natural rubber, and a pneumatic tire produced using the rubber composition. The present invention also provides a modified natural rubber having a reduced  $\tan \delta$ , a method for producing the modified natural rubber, a rubber composition produced using the modified natural rubber and achieving good fuel economy and abrasion resistance at the same time, and a pneumatic tire produced using the rubber composition. The present invention relates to a modified natural rubber having a phosphorus content of 200 ppm or less and a total content of sodium and potassium of 350 ppm or less. The invention also relates to a modified natural rubber having a phosphorus content of 200 ppm or less and a nitrogen content of 0.2% by mass or less.

IPC 8 full level

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